

WHAT IS CLAIMED IS

1. A gamma-sterilisable nutrient medium based on casein soya peptone agar for the detection of microorganisms in a hydrogen peroxide-bearing situation including the addition of between 2 and 10% by weight of sodium thioglycolate, between 5 and 20% by weight of sodium thiosulfate and between 10 and 30% by weight of sodium disulfite in each case with respect to the agar.

2. A gamma-sterilisable nutrient medium as set forth in claim 1 containing between 0.1 and 0.25% of sodium pyruvate with respect to the agar.

3. A gamma-sterilisable nutrient medium as set forth in claim 1 including at least one of bromocresol purple and bromocresol violet as a pH-indicator and between 10 and 50% by weight of polyvinylpyrrolidone with respect to the agar.

4. A gamma-sterilisable nutrient medium as set forth in claim 3 wherein the content of polyvinylpyrrolidone with respect to the agar is between 30 and 45% by weight.

5. A gamma-sterilisable nutrient medium as set forth in claim 1 including bromothymol blue as a pH-indicator and between 10 and 50% by weight of polyvinylpyrrolidone with respect to the agar.

6. A gamma-sterilisable nutrient medium as set forth in claim 5 wherein the content of polyvinylpyrrolidone with respect to the agar is between 30 and 45% by weight.

7. A gamma-sterilisable nutrient medium as set forth in claim 1

containing between 20 and 50% of morpholinopropane sulfonic acid and between 50 and 80% of phosphate buffer with respect to the total amount of buffer.

8. A gamma-sterilisable nutrient medium as set forth in claim 1 wherein microbial content test agar is used as the agar.

9. A gamma-sterilisable nutrient medium as set forth in claim 1 including at least one selected from the group consisting of betaine, glycine, cystine, proline and asparagine.

10. A gamma-sterilisable nutrient medium as set forth in claim 1 wherein the hydrogen peroxide-bearing situation is hydrogen-peroxide bearing air.

11. A gamma-sterilisable nutrient medium as set forth in claim 1 wherein the hydrogen peroxide-bearing situation is a hydrogen peroxide-bearing surface.